

FURNARIUS CUNICULARIUS. *G. R. Gray.* (Male.)

Tongue, trachea, and œsophagus, as in *Uppucerthia*. Proventriculus longer, and slightly contracted at its entrance into the gizzard, which is large, flattened, and muscular, more rounded than in *Opetiorhynchus*, lined with a rugose hardened coat, and filled with small seeds, and the remains of insects; intestines of small diameter, and furnished with two rudimentary cæca.

	inches		inches
Length of œsophagus, including proventriculus	1½	Length from gizzard to cæca	5
of gizzard	¾	cæca to cloaca	1½
Breadth of ditto	¾		

Sternum of nearly equal breadth, both posteriorly and anteriorly, but much narrowed in the middle, the portion to which the ribs are attached much elongated beyond their junction; posterior margin furnished with two deep fissures, slightly narrowed at their exit; keel deep, slightly rounded on its inferior edge, and much scalloped out anteriorly; pelvis broad and short, the os pubis projecting far backwards; the ischium terminating posteriorly in an acute process. Os furcatum thin, much arched, furnished with a flattened reflexed process at its junction with the sternum; the points of the rami bent forwards at their junction with the coracoids.

Coracoids of moderate size and length, inserted deeply into the sternum; scapula of moderate size, broader near the extremity.

	lines		
Length of sternum	11	No. of cervical vertebræ	12
Breadth anteriorly	6½	dorsal ditto	7
posteriorly	8½	sacral ditto	10
Depth of keel	4½	caudal ditto	7
Length of pelvis	12	Total	36
Width anteriorly	4½		
posteriorly	11	No. of true ribs	5
Length from occiput to point of bill	19	false ditto	2·1
Breadth of cranium	7½		
Length of coracoids	8	Total	8

UPPUCERTHIA DUMETORIA. *Geoff. & D'Orb.* (Female.)

Tongue short, compared with the length of the bill, pointed, armed with a few spines at the base; trachea of moderate size, acted upon by one pair of sterno-tracheal muscles, which go off to the sternum, about ½ of an inch above the inferior larynx; from the upper ring of the bronchiæ on each side, a process proceeds upwards to the point from which the muscles diverge, to which point only the rings of the trachea are continued, two spaces therefore, one on the anterior, the other on the posterior side of the trachea, immediately above the bronchiæ, are left devoid of osseous matter, being bounded laterally by the process above mentioned, inferiorly by the upper rings of the bronchiæ, and superiorly by the lower ring of the trachea, which is slightly enlarged; œsophagus small, slightly dilated a little above the proventriculus, which is of moderate size, and not contracted before entering the gizzard; gizzard large, oval, very muscular, inner coat hardened, deeply furrowed longitudinally, and filled with the remains of insects; intestinal canal of moderate size, without cæca; rectum very slightly enlarged; liver bilobed.

	inches		inches
Length of œsophagus, including proventriculus	2	Breadth of ditto	½
of gizzard	¾	Length of intestinal canal	10

With the exception of being larger than *Furnarius cunicularius*, and in having the bill more bent and longer, the skeleton presents no material difference from that of the above-named bird.

	lines		
Length of sternum	13	No. of cervical vertebræ	11
Breadth anteriorly	6	dorsal ditto	7
posteriorly	7½	sacral ditto	11
Depth of keel	4	caudal ditto	6
of fissures	4	Total	35
Breadth of ditto	1		
Length of pelvis	14½	No. of true ribs	5
Breadth anteriorly	4	false ditto	2·1
posteriorly	9½		
Length from occiput to point of bill	27	Total	8
Breadth of cranium	8		
Length of coracoids	11		

OPETIORHYNCHUS VULGARIS. *Gray.* (Male.)

The structure of the soft parts, both in this species of *Opetiorhynchus*, and the two following ones, so closely resemble that of *Furnarius* and *Uppucerthia*, that one description will almost serve for the whole; those differences that do exist being not more than are generally found in species of the same genus; the external characters also being slight, I cannot but doubt the propriety of separating them; the cæca are slightly developed in this species, measuring ½ inch in length.

	inches		inches
Length of œsophagus, proventriculus included	2½	Length of intestinal canal from gizzard to the cloaca	7½
of gizzard	¾	from cæca to cloaca	¾
Breadth of ditto	½		

Skeleton similar in form to that of *Furnarius cunicularius*.

	lines		
Length of sternum	11½	No. of cervical vertebræ	11
Breadth anteriorly	5½	dorsal ditto	7
posteriorly	7½	sacral ditto	11
Depth of keel	3¾	caudal ditto	7
of fissures	5	Total	36
Breadth of ditto	1½		
Length of pelvis	12¾	No. of true ribs	5
Breadth anteriorly	4	false ditto	2·1
posteriorly	9½		
Length from occiput to point of bill	17	Total	8
Breadth of cranium	7		
Length of coracoids	8½		

OPETIORHYNCHUS ANTARCTICUS. *G. R. Gray.* (Male.)

Structure of the soft parts as in *O. vulgaris*, but with the rectum of rather larger diameter, and the cæca very minute; gizzard filled with the remains of insects.

	inches		inches
Length of œsophagus, including proventriculus	2½	Breadth of gizzard	½
gizzard	¾	Length of intestinal canal from gizzard to cloaca	7